

Form PCT/ISA/210 (second sheet) (July 1998)

International application No.
PCT/JP2004/001523

A. CLAS	SIFICATION OF SUBJECT MATTER .CL ⁷ F16K1/226		
<u></u>	to International Patent Classification (IPC) or to both r	national classification and IPC	
	os searched		
Minimum a Int.	documentation searched (classification system followed). Cl ⁷ F16K1/16-1/226, 27/02, F0	by classification symbols) 2D9/10, F02M25/07	
Documenta Jitsi	tion searched other than minimum documentation to the uyo Shinan Koho 1926–1996	re extent that such documents are included	in the fields searched
	i Jitsuyo Shinan Koho 1971-2004	Toroku Jitsuyo Shinan Koh Jitsuyo Shinan Toroku Koh	no 1994-2004 no 1996-2004
	data base consulted during the international search (name	•	
	•	no or data owo with, whose practically, see	uch terms uscaj
	MENTS CONSIDERED TO BE RELEVANT		***
Category*	Citation of document, with indication, where a	ppropriate, of the relevant passages	Relevant to claim No.
A ·	US 6338467 B1 (Mabboux et al 15 January, 2002 (15.01.02), Full text; Figs. 1 to 9 & EP 1070891 A & FR	1.), R 2796698 A	1-4
А	JP 61-24766 Y2 (Kabushiki Kaisha Okumura Seisakusho), 25 July, 1986 (25.07.86), Full text; Figs. 1 to 8 (Family: none)		1-4
	JP 9-329028 A (Aisin Seiki 0 22 December, 1997 (22.12.97) Full text; Figs. 1 to 9 (Family: none)	Co., Ltd.),	1-4
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	er documents are listed in the continuation of Box C.	See patent family annex.	
"A" docume	categories of cited documents: ent defining the general state of the art which is not	"T" later document published after the inte priority date and not in conflict with th	mational filing date or
consider	red to be of particular relevance document but published on or after the international filing	understand the principle or theory under	erlying the invention
date		"X" document of particular relevance; the c considered novel or cannot be consider	claimed invention cannot be
cited to	ent which may throw doubts on priority claim(s) or which is establish the publication date of another citation or other	step when the document is taken alone document of particular relevance; the c	
special r	reason (as specified) ant referring to an oral disclosure, use, exhibition or other	considered to involve an inventive step	when the document is
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Date of the ac 09 Ma	ctual completion of the international search arch, 2004 (09.03.04)	Date of mailing of the international search, 2004 (23.	th report 03.04)
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INTERNATIONAL SEARCH REPORT

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PCT/JP2004/001523

C (Continuat	tion). DOCUMENTS CONSIDERED TO BE RELEVANT	
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No
A	JP 2001-4038 A (Kubota Corp.), 09 January, 2001 (09.01.01), Full text; Figs. 1 to 7 (Family: none)	1-4
A	JP 3107705 B2 (Kubota Corp.), 13 November, 2000 (13.11.00), Full text; Figs. 1 to 6 (Family: none)	1-4
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